

PATENT ATTORNEY DOCKET NO. VOSS1110

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Breier et al.

Art Unit:

1636

Serial No.:

09/445,201

Examiner:

D.M. Sullivan

Filed:

April 12, 2000

Title:

REGULATORY SEQUENCES CAPABLE OF CONFERRING

EXPRESSION OF A HETEROLOGOUS DNA SEQUENCE IN

ENDOTHELIAL CELLS IN VIVO AND USES THEREOF

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

TRANSMITTAL SHEET

Transmitted herewith for the above-identified application please find:

- 1. A Request to Correct Inventorship in a Pending Application (2pgs);
- 2. Statement of Assignee Agreeing to Change of Inventorship (2 pgs);
- 3. Statement from Added Inventor Andreas Kappel that Inventorship Error Occurred Without Deceptive Intent (2 pgs);
- 4. Copy of Assignment by Inventor, Andreas Kappel (3 pgs);
- 5. Declaration of Inventors, George Breier, Executor of Werner Risau Estate, Volker Ronicke and Andreas Kappel (4 pgs)
- 6. Check No. 559606 in the amount of \$130.00; and
- 7. Return Receipt Postcard.

CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on this date, May 24, 2004, in an envelope addressed to:

Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-

1450.

Lisa E. Jambeau

Gray Cary\GT\6399837.1 105032-159058 In re Application:

Breier et al.

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Enclosed is Check No.: 559606 in the amount of \$130.00 to cover the Request to Correct Inventorship fee. The Commissioner is authorized to charge any other required fees associated with the filings submitted herewith, or credit any overpayment to Deposit Account No. 50-1355. A duplicate copy of this Transmittal Letter is attached.

Respectfully submitted,

Date: May 24, 2004

Lisa A. Haile, J.D., Ph.D. Registration No.: 38,347 Telephone: (858) 677-1456 Facsimile: (858) 677-1465

USPTO CUSTOMER NUMBER 28213 GRAY CARY WARE & FREIDENRICH LLP 4365 Executive Drive, Suite 1100 San Diego, CA 92121-2133



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Breier et al.

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REGULATORY SEQUENCES CAPABLE OF CONFERRING EXPRESSION

OF A HETEROLOGOUS DNA SEQUENCE IN ENDOTHELIAL CELLS IN

VIVO AND USES THEREOF

Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

REQUEST TO CORRECT INVENTORSHIP IN A PENDING APPLICATION UNDER 37 C.F.R. §1.48(a)

Sir:

The undersigned attorney of record requests to change the inventorship in the aboveidentified application to add Andreas Kappel as co-inventor. This co-inventor was inadvertently omitted from the original filing of the application.

As the attorney of record for the above-identified application, I acknowledge that Andreas Kappel contributed to the invention of the present application.

Accompanying this request is a statement by Andreas Kappel stating that the error in inventorship occurred without deceptive intention on his individual part. Additionally, this request is accompanied by a declaration signed by all actual inventors, a copy of an assignment

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CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on May 24, 2004, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Lisa Jambeau

Gray Cary\GT\6328864.1 105032-159058 Applicants:

Breier et al.

PATENT

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April 12, 2000

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to Max-Planck-Gesellschaft zur Forderung der signed by Andreas Kappel and the written consent to change of inventorship by assignee Max-Planck-Gesellschaft zur Forderung der WISSENSCHAFTEN e.v..

In view of the above statements and the attachments, it is respectfully requested that the present application be amended, so that George Breier, Werner Risau, Volker Ronicke, and Andreas Kappel are properly set forth as the co-inventors of the present application.

A check is enclosed in the amount of \$130.00, in accordance with 37 C.F.R. §1.17(i). If any additional fee is deemed necessary, the Commissioner is authorized to charge (or apply any credits to) Deposit Account No.: 50-1355. The Examiner is invited to contact Applicants' undersigned representative if there are any questions related to this matter.

Respectfully submitted,

Attorney Docket No. VOSS1110

Date: May 24, 2004

Lisa A. Haile, J.D., Ph.D.

Registration No. 38,347 Telephone: (858) 677-1456

Facsimile: (858) 677-1465

GRAY CARY WARE & FREIDENRICH LLP 4365 Executive Drive, Suite 1100 San Diego, California 92121-2133 USPTO Customer Number 28213



PATENT ATTORNEY DOCKET NO. VOSS1110

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Breier et al.

Art Unit:

1636

Serial No.:

09/445,201

Examiner

D. M. Sullivan

Filed:

April 12, 2000

Title:

REGULATORY SEQUENCES CAPABLE OF CONFERRING EXPRESSION

OF A HETEROLOGOUS DNA SEQUENCE IN ENDOTHELIAL CELLS IN

VIVO AND USES THEREOF

Commissioner for Patents Washington, D.C. 20231

STATEMENT OF ASSIGNEE AGREEING TO CHANGE OF INVENTORSHIP

Sir:

The assignee, MAX-PLANCK-GESELLSCHAFT zur FORDERUNG der WISSENSCHAFTEN e.v., a corporation of Germany, having a place of business at Hofgartenstr. 8, 80539 Munchen, Germany, hereby consents to the Request for Correction of Inventorship under 37 C.F.R. 1.48(a), correcting the named inventors of the above patent.

Max-Planck-Gesellschaft zur Forderung der WISSENSCHAFTEN e.v., certifies that it is an assignee of the patent identified above by virtue of an assignment from the inventors thereof. A copy of the assignment is submitted herewith.

The undersigned has reviewed all the documents in the chain of title of the aboveidentified patent and, to the best of undersigned's knowledge and belief, title is in the named assignee.

The undersigned declares and states that they are an officer of assignee and empowered to sign this document on behalf of the assignee, that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be

Gray Cary\GT\6328883.1 105032-159058 Applicants:

Breier et al. (as amended)

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09/445,201

Filed:

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true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the patent.

Date: February 14, 2003

Print Name:

Christa Herzog

Head of Patent Dep.

Attorney Docket No. VOSS1110

Max-Planck-Gesellschaft zur Forderung der WISSENSCHAFTEN e.v.



PATENT ATTORNEY DOCKET NO. VOSS1110

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Breier, et al.

Art Unit:

1636

Serial No.:

09/445,201

Examiner

Sullivan, D. M.

Filed:

Aprl 12, 2000

Title:

REGULATORY SEQUENCES CAPABLE OF CONFERRING EXPRESSION

OF A HETEROLOGOUS DNA SEQUENCE IN ENDOTHELIAL CELLS IN

VIVO AND USES THEREOF

Commissioner of Patents Washington, D.C. 20231

STATEMENT FROM ADDED INVENTOR ANDREAS KAPPEL THAT INVENTORSHIP ERROR OCCURRED WITHOUT DECEPTIVE INTENT

Sir:

- I, the undersigned declare as follows:
- 1. The inventorship error of failing to include Andreas Kappel as an inventor of the patent occurred without any deceptive intent on my part;
- 2. I have no objection to the addition of my name as an inventor of U.S. Patent Application Serial No. 09/445,201.
- 3. I further declare that all statements made herein of my knowledge are true and that all statements herein on my information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United

Gray Cary\GT\6328880.1 105032-159058 Applicants:

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Filed:

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Attorney Docket No. VOSS110

States Code and that such willful false statements may jeopardize the validity of this patent.

Dated: January 30, 2003

Gray Cary\GT\6328880.1 105032-159058

ASSIGNMENT (BY INVENTOR(S))

This assignment ("Assignment") is made by Andreas Kappel, of Wiesbadener, Germany (the "Assignors") to MAX-PLANCK-GESELLSCHAFT zur FÖRDERUNG der WISSENSCHAFTEN e.v., a German corporation ("Assignee"), having a place at Hofgartenstr. 8, 80539 Munchen, Germany.

Recitals

- A. Each of the Assignors has invented a new and useful invention entitled REGULATORY SEQUENCES CAPABLE OF CONFERRING EXPRESSION OF A HETEROLOGOUS DNA SEQUENCE IN ENDOTHELIAL CELLS IN VIVO AND USES THEREOF for which an application for United States Letters Patent was filed on April 12, 2000 in the United States Patent and Trademark Office.
- B. Each of the Assignors authorizes and requests insertion of the serial number of the application when officially known:

The United States Application Serial No.: 09/445,201.

- C. Each of the Assignors believes the Assignors to be the original, first and joint inventors of the invention disclosed and/or claimed in the application for Letters Patent.
- D. The parties desire to have a recordable instrument assigning from the Assignors to the Assignee the entire rights, title and interest in and to the invention, the application and all Letters Patent in the United States and throughout the world that may be granted or issued for the invention or that derive a right of priority from the application (including, without limitation, all divisional, continuation, continuation-in-part and continued

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prosecution applications thereof, and all reissues and reexaminations thereof, and all foreign counterparts thereof) (collectively, the "Invention Patents").

Agreement

NOW, THEREFORE, in accordance with the obligations to assign the Invention Patents and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each of the Assignors agrees to the foregoing and as follows:

- 1. Each of the Assignors does and will sell, assign and transfer to Assignee, such Assignor's entire rights, title, and interest in and to each of the Invention Patents, including, without limitation, the rights to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.
- 2. Each of the Assignors agrees that, upon request and without further compensation, but at no expense to such Assignor, such Assignor and such Assignor's legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing each of the Invention Patents in the United States and throughout the world, and for perfecting, recording, or maintaining the title of Assignee, and Assignee's successors and assigns, in and to each of the Invention Patents in the United States and throughout the world. In the event that Assignee is unable for any reason to secure any of the Assignors' signatures to any document that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing each of the Invention Patents in the United States and throughout the world, or for perfecting, recording, or maintaining the title of Assignee, and Assignee's successors and assigns, in and to each of the Invention Patents in the United States and throughout the world, each such Assignor hereby irrevocably designates and appoints Assignee and Assignee's duly authorized officers and agents as such Assignor's agents and attorneys-in-fact to act for and on such Assignor's behalf

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and instead of such Assignor to execute such document, all with the same legal force and effect as if executed by such Assignor.

- 3. Each of the Assignors represents and warrants that such Assignor has not granted and will not grant to others either (1) any rights, title or interest in and to any of the Invention Patents, or (2) any rights inconsistent with the rights granted herein.
- 4. Each of the Assignors authorizes and requests the Assistant Commissioner for Patents of the United States and the various counterparts thereof throughout the world to issue and/or grant any Letters Patent granted for each of the Invention Patents to Assignee, its successors and assigns, as the assignee of the entire interest in such Invention Patents.

IN WITNESS WHEREOF, each of the Assignors has executed this Assignment on the date(s) provided below.

Assignor: Andreas Kappel

Date: January 50, 2003

Signature:



DECLARATION FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship is as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled REGULATORY SEQUENCES CAPABLE OF CONFERRING EXPRESSION OF A HETEROLOGOUS DNA SEQUENCE IN ENDOTHELIAL CELLS IN VIVO AND USES THEREOF, the specification of which

	is attached hereto.
<u>x</u> _	was filed on April 12, 2000 (Attorney Docket No. VOSS1110)
;	as U.S. Application Serial No. 09/445,201
	and was amended on
	if applicable (the "Application").

I hereby authorize and request insertion of the application serial number of the Application when officially known.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability of the subject matter of the Application as defined in Title 37, Code of Federal Regulations ("C.F.R."), § 1.56.

Gray Cary\GT\6329498.1 105032-159058 With respect to the Application, I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

(Application Serial No.)	(Filing Date)
(Application Serial No.)	(Filing Date)

With respect to the Application, I hereby claim the benefit under 35 U.S.C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of the application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability of the subject matter of the Application as defined in Title 37, C.F.R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of the Application:

PCT/EP98/03318 (Application Serial No.)		Pending (Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

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COUNTRY	APPLICATION NO.	FILING DATE	DD	
Germany	EP 97 10 8959.4	6/3/97	PRIORITY C	
			□ Yes	□ No
			□ Yes	□ No
made are puni United States (nts were made with the	all statements made her mation and belief are be knowledge that willful sonment, or both, under lful false statements ma	elieved to be true; an	nd further that the like so
Full name of fi	rst inventor: Georg Br	eier		-
Date: 24/3		000		•
		l Nauheim, Germany	, .	•
Citizenship:				
Post Office Add	ress: <u>Eibenweg, 1, 6</u>	1231 Bad Nauheim, Ge	many	
	ond inventor: Werner) med by Barbara Risan	as executor of his estate		
Inventor's signatu	ire;	Pe LSUU		
Date:	04/2004			
Residence: Pin	icnweg 11 48165 Mur	nster, Germany		
Citizenship: Ger				

Post Office Address: Pinicnweg 11 48165 Munster, Germany

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Full name of third inventor: Volker Rönicke
Inventor's signature:
Date:
Residence: Neufriedenheimerstr. 82a, 81375, Munchen, Germany
Citizenship: German
Post Office Address: Neufriedenheimerstr. 82a, 81375, Munchen, Germany
Full name of fourth inventor: Andreas Kappel
Inventor's signature:
Date: 2004-04-18
Residence: Am Wiesenhof 9, 61462 Koenigstein
Citizenship: German
Post Office Address: <u>Am Wiesenhof 9, 61462 Koenigstein</u>

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